



SEQUENCE LISTING

<110> The Government of the United States of America as
represented by the Secretary of the Department of Health and
Human Services
Mukherjee, Anil B
Zheng, Feng
Zhang, Zhangjan

<120> UTEROGLOBIN IN THE TREATMENT OF IgA MEDIATED AUTOIMMUNE DISORDERS

<130> 4239-61375-01

<140> 10/019,833
<141> 2002-11-20

<150> PCT/US00/09979
<151> 2000-04-13

<150> US 60/130,434
<151> 1999-04-21

<160> 35

<170> PatentIn version 3.3

<210> 1
<211> 70
<212> PRT
<213> Homo sapiens

<400> 1

Glu Ile Cys Pro Ser Phe Gln Arg Val Ile Glu Thr Leu Leu Met Asp
1 5 10 15

Thr Pro Ser Ser Tyr Glu Ala Ala Asn Glu Leu Phe Ser Pro Asp Gln
20 25 30

Asp Met Arg Glu Ala Gly Ala Gln Leu Lys Lys Leu Val Asp Thr Leu
35 40 45

Pro Gln Lys Pro Arg Glu Ser Ile Ile Lys Leu Met Glu Lys Ile Ala
50 55 60

Gln Ser Ser Leu Cys Asn
65 70

<210> 2
<211> 68
<212> PRT
<213> Oryctolagus cuniculus

<400> 2

Gly Ile Cys Pro Arg Phe Ala His Val Ile Glu Asn Leu Leu Leu Gly
1 5 10 15

Pro Ser Ser Tyr Glu Thr Ser Leu Lys Glu Phe Glu Pro Asp Asp Thr
20 25 30

Met Lys Asp Ala Gly Met Gln Met Lys Lys Tyr Leu Asp Ser Leu Pro
35 40 45

Gln Thr Thr Arg Glu Asn Ile Asn Lys Leu Thr Glu Lys Ile Val Lys
50 55 60

Ser Pro Leu Cys
65

<210> 3

<211> 75

<212> PRT

<213> Rattus norvegicus

<400> 3

Asp Ile Cys Pro Gly Phe Leu Gln Val Leu Glu Ala Leu Leu Leu Gly
1 5 10 15

Ser Glu Ser Asn Tyr Glu Ala Ala Leu Lys Pro Phe Asn Pro Ala Ser
20 25 30

Asp Leu Gln Asn Ala Gly Thr Gln Leu Lys Arg Leu Val Asp Thr Leu
35 40 45

Pro Gln Glu Thr Arg Ile Asn Ile Val Lys Leu Thr Glu Lys Ile Leu
50 55 60

Ile Ser Pro Leu Cys Glu Gln Asp Leu Arg Val
65 70 75

<210> 4

<211> 75

<212> PRT

<213> Mus musculus

<400> 4

Asp Ile Cys Pro Gly Phe Leu Gln Val Leu Glu Ala Leu Leu Met Glu
1 5 10 15

Ser Glu Ser Gly Tyr Val Ala Ser Leu Lys Pro Phe Asn Pro Gly Ser
20 25 30

Asp Leu Gln Asn Ala Gly Leu Gln Leu Lys Arg Leu Val Asp Ile Leu
35 40 45

Pro Gln Glu Thr Arg Ile Asn Ile Asn Lys Leu Leu Glu Lys Ile Leu
50 55 60

Thr Ser Pro Leu Cys Lys Gln Asp Leu Arg Phe
65 70 75

<210> 5
<211> 23
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 5
ttccaaggca gaacatttga gac 23

<210> 6
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 6
tctgagccag gggtgaaagg c 21

<210> 7
<211> 23
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 7
atcttgctta cacagaggac ttg 23

<210> 8

<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 8
atcgccatca caatcactgt 20

<210> 9
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 9
atcagagtct gggttatgtgg catcc 25

<210> 10
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 10
ggcatcgaag gtggaagagt 20

<210> 11
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 11
atggccttcc gtgttcctac 20

<210> 12
<211> 26
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 12
gaaggtggtg aagcaggcat ctgagg 26

<210> 13
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 13
agaagcctgg atcccctccc

20

<210> 14
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 14
tggaacggcg tccaagagat g

21

<210> 15
<211> 25
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 15
ggtgtcacgg aggccaccat tactg

25

<210> 16
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 16
atgaaactcg ctgtcaccc

19

<210> 17
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 17
tacacagtga gctttgggc

19

<210> 18
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 18

Met Gln Met Asn Lys Val Leu Asp Ser
1 5

<210> 19
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 19

His Asp Met Asn Lys Val Leu Asp Leu
1 5

<210> 20
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 20

Met Gln Met Lys Lys Val Leu Asp Ser
1 5

<210> 21
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 21

Asp Thr Met Asp Ala Gly Met Gln Met Lys Lys Val Leu Asp Ser
1 5 10 15

<210> 22
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 22

Gly Met Ala Ser Lys Ala Gly Ala Ile Ala Gly
1 5 10

<210> 23
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 23

Gly Ile Gly Lys Pro Leu His Ser Ala Gly
1 5 10

<210> 24
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 24

Gly Ile Gly Lys Pro Leu His Ser Ala Lys
1 5 10

<210> 25
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 25

Gly Trp Ala Ser Lys Ile Gly Gln Thr Leu Gly

1 5 10

<210> 26
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 26

Gly Ile Gly Lys Phe Leu His Ser Ala Lys
1 5 10

<210> 27
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<400> 27

Gly Ile Gly Phe Leu His Ser Ala Gly
1 5

<210> 28
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 28
gccaatgccagtaaatagt 20

<210> 29
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 29
caagagcgaaactccatctc 20

<210> 30
<211> 19

<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 30
catcttcctt gccatttc 19

<210> 31
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 31
tgcacccctc ccctctta 18

<210> 32
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 32
catcttcctt gccatttc 19

<210> 33
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 33
aaataaataa acaaacaac 20

<210> 34
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 34
gtttgtttgt ttattt 16

<210> 35
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Primer

<400> 35
tgcattccctc ccctctta